



virtual resources actual resources constructing

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Virtual resources method, system, and service

LR Degenaro... - US Patent App. 10/665,564, 2003 - Google Patents

... alteration into a collection of **virtual resources** customized to a particular audience, includes **constructing** at least one **virtual resource**, **connecting** at least one **actual resource** to the at least one **virtual resource**, **retrieving** the at least one **virtual resource**, and **extracting** at least ...

[All 2 versions](#)

Designing grid services for distributed knowledge discovery

[\[PDF\] from psu.edu](#)

A Congiuista, A Pugliese, D Talia... - Web Intelligence and Agent ..., 2003 - IOS Press

... software technologies and, from this point of view, appears as a "virtual system" in ... mentioned before has been designed as an application specific layer for **constructing** and publishing ... process descriptions are not bound to specific servers since the **actual resources** are later ...

[Cited by 26](#) - [Related articles](#) - [SI Direct](#) - [All 5 versions](#)

[PDF] A comparison of Internet resource discovery approaches

[\[PDF\] from psu.edu](#)

MF Schwartz, A Emtage, B Kahle... - Computing Systems, 1992 - Citeseer

... Library science has developed methods over hundreds of years to **construct** a model in ... for them in the appropriate index, or by browsing through related **virtual** systems. ... we now examine the transformations used between several existing Internet **resource** discovery systems. ...

[Cited by 140](#) - [Related articles](#) - [View as HTML](#) - [Library Search](#) - [SI Direct](#) - [All 31 versions](#)

The conceptual basis for mediation services

[\[PDF\] from stanford.edu](#)

G Wiederhold... - IEEE Expert, 2002 - ieeexplore.ieee.org

... There is a strong linkage here to concepts such as **virtual** enterprises; mediation provides the required openness ... The mediator's designer can omit **resources** or add conditions on their use. A control rule, for instance, can state that only if the **actual** retrieval from a primary source ...

[Cited by 309](#) - [Related articles](#) - [SI Direct](#) - [All 12 versions](#)

Using parameterized URLs for retrieving resource content items

MJ Encarnacion, J Flaks... - US Patent App. 10/742,635, 2003 - Google Patents

... Cl.7 G06F 15/16 (52) US Cl 709/217; 709/203 (57) ABSTRACT A UPnP network provides a flexible technique for **retrieving a resource** content item from a ... 1 OCDCDP-C- ' n^"! § gg-gj^ai gsa |||4^ i |5| v 10> £ | =3 CO "St-1/* jfil \ 10 — 10 :: J) / -- » I - J /\ **Resource Store** 320 3 ...

[All 2 versions](#)

[PDF] Scalable internet resource discovery: Research problems and approaches

[\[PDF\] from psu.edu](#)

CM Bowman, PB Danzig, U Manber, MF Schwartz... - 1993 - Citeseer

... The key behind the Dynamic WAIS gateways is the conceptual work of **constructing** the map ... the domains to search, the WAIS retrieval phase is mapped into an **actual** domain search ... Searching is a process where the user provides some description of the **resources** being sought ...

Cited by 267 - Related articles - View as HTML - Library Search - SI Direct - All 30 versions

Apparatus and method for managing **resources** in a network combining operations with name resolution functions

K Horikiri, I Yamashita, S Kawabe... - US Patent ..., 1998 - Google Patents

... A user can obtain access to a **virtual resource** corresponding to the input name by using the handle.

Owing to the above **construction**, an apparatus for and a method of managing **resources** can be provided which is capable of embodying a high-flexible distributed system ...

Cited by 63 - Related articles - All 2 versions

Aiming at quality and coverage combined: blending physical and **virtual** union catalogues

J Gatenby - Online information review, 2002 - emeraldinsight.com

... is that in spite of the number of options in the standard, the **actual** searches that ... the OCLC Online Union Catalog) is the world's most comprehensive bibliographic reference **resource**, with over ... to provide flexible query facilities to **extract** data from real and **virtual** documents on ...

Cited by 9 - Related articles - SI Direct - All 5 versions

Supporting **resource** discovery among public internet archives using a spectrum of information quality

[PDF] from psu.edu

MF Schwartz, DR Hardy... - Distributed ..., 2002 - ieeexplore.ieee.org

... to describe **resources** held there, and by encouraging site administrators to **construct** conceptual descriptions ... This change drastically reduces the storage requirements of uftpcache over caching entire ... Yet, we prefer missing some **resources** over having aftpccache guess what is ...

Cited by 16 - Related articles - Library Search - All 19 versions

[PDF] Extracting answers from the web using knowledge annotation and knowledge mining techniques

[PDF] from psu.edu

JLAFB Katz... - Proceedings of the 11th Text Retrieval ..., 2002 - Citeseer

... Start is a natural language understanding system, and Omnibase is a **virtual** database that provides ... access schema has been crafted, a wrapper must be written for the knowledge **resource**. These wrappers supply the **actual** procedures used to execute queries of a specific form. ...

Cited by 44 - Related articles - View as HTML - Library Search - SI Direct - All 34 versions

[CITATION] Reusing online **resources**: a sustainable approach to e-learning

[HTML] from oecse.ac.uk

A Littlejohn - 2003 - RoutledgeFalmer

Cited by 152 - Related articles - Library Search - All 17 versions

A blueprint for introducing disruptive technology into the Internet

[PDF] from psu.edu

L Peterson, T Anderson, D Culler... - ACM SIGCOMM ..., 2003 - portal.acm.org

... [3] M. Balazinska, H. Balakrishnan, and D. Karger. INS/Twine: A Scalable Peer-to-Peer

Architecture for Intentional **Resource** Discovery. ... [11] J. Gelinas. **Virtual** private servers and security contexts. ... Topologically-Aware Overlay **Construction** and Server Selection. ...

Cited by 706 - Related articles - SI Direct - All 43 versions

System and method for selecting and displaying hyperlinked information resources

WC Hill... - US Patent 6,256,648, 2001 - Google Patents

... Hill, WC, Stead, L., Rosenstein, M. and Furnas, G., Proceedings of CHI '95, Recommending and Evaluating Choices in a **Virtual** Community of Use, May 1995, pp. 194-201. ... One way of **constructing** a topic set would be to have the user examine all of the **resources** in the ...

Cited by 43 - Related articles - All 2 versions

[PDF] from tugraz.at

Internet resource discovery services

K Obraczka, PB Danzig... - Computer, 2002 - ieeexplore.ieee.org

... Archie's developers have described it as a low-tech solution to the **resource** discovery and information-retrieval ... tor creates a link to the new **virtual** system in the master view of **virtual** systems so ... the basis of its user-visible name, and the client retrieves it by **constructing** a "handle" ...

Cited by 134 - Related articles - BL Direct - All 12 versions

[PDF] A Virtual Reality Topology Tool For Maintaining Web-Sites

[PDF] from psu.edu

D Cleary, T Veale... - 2000 - Citeseer

... classification based on protocol the following protocol are currently supported: HTTP, FTP, GOPHER and MAILTO • Web-site boundary analysis is carried out to determine if a web **resource** belongs to ... 5.3 VISUALISATION The **construction** of the VRML **virtual** environment is ...

Related articles - View as HTML - All 6 versions

Single sign-on for a network system that includes multiple separately-controlled restricted access **resources**

G Gadi - US Patent 6,629,246, 2003 - Google Patents

... 214 are performed by the sign-on applet as it executes within the JAVA **virtual** machine on ... of submitting the password may be accomplished, for example, by the applet (1) **constructing** a new ... For example, if the restricted **resource** is a web page, the web server will respond by ...

Cited by 15 - Related articles - All 2 versions

Building applications for ubiquitous computing environments

C Hess, M Román... - Pervasive Computing, 2002 - Springer

... moves between spaces, the application can (un)bind new hardware **resources** and interfaces ... of devices, partitioning, and migration to accommodate the requirements of User **Virtual** Spaces ... However, we will be **constructing** more applications to validate our approach to building ...

Cited by 70 - Related articles - BL Direct - All 6 versions

[PDF] from dtic.mil

Use of Optical Storage Devices as Shared Resources in Local Area Networks.

JC Hoga... - 1989 - oai.dtic.mil

... Page 3. Approved for public release; distribution is unlimited. Use of Optical Storage Devices as Shared **Resources** In Local Area Networks by ... 49 11. Physical **Construction** of CD-ROM 54 12. ... control access to an optical storage device (or indeed any I/O device), it is ...

Related articles - All 3 versions

[PDF] from icovirtuallibrary.com

[BOOK] Computer integrated planning and design for **construction**

A Petlik, D Langford... - 2001 - books.google.com

... Systems Development Managing an organisation, especially if it operates from and shares

resources with different ... An example in **construction** would be software designed to deliver the paperless project. ... from different locations with the 3D model of design or **virtual** environment ...

Cited by 7 - Related articles - Library Search - All 3 versions

Beyond PVM 3.4: What we've learned, what's next, and why

G Geist, J Kohl, P Papadopoulos... - ... Advances in Parallel Virtual ..., 1997 - Springer

... While the **actual** number of new functions in PVM 3.4 is small, these func- tions provide ... A scheduling tool retrieves information left by a **resource** monitor. ... The addition of communication contexts, message handlers, and message boxes to the parallel **virtual** machine environment ...

Cited by 13 - Related articles - SI Direct - All 7 versions

Communicating network **resource** locators to customer premises equipment using modified ring access

SW Cramer, BMA Michaud, CG Rohs... - US Patent ..., 2001 - Google Patents

... BSP + DRIVERS) (ROUTING TABLE) HARDWARE F/S = FLASH FILE JVM = JAVA **VIRTUAL**

MACHINE RTX ... The telephone may be 65 instructed to navigate to a **resource** containing the ... in a browser enable the advertisement to incorporate any HTML **construct** including text ...

Cited by 9 - Related articles - All 3 versions

Mechanism for **resource** allocation and for dispatching incoming calls in a distributed object environment

KE Moore... - US Patent 6,282,581, 2001 - Google Patents

... The communications framework supporting a base class having an interface definition for a **virtual** query op method, the interface definition ... invention relates generally to distributed objects environments and, in particular, to a mechanism for allocation of **resources** for incoming ...

Cited by 51 - Related articles - All 2 versions

Routing of **resource** information in a network

MJ Encarnacion, J Flaks... - US Patent App. 10/742,588, 2003 - Google Patents

... Cl.7 G06F 15/16 (52) US Cl. (57) . 709/230 ABSTRACT A media server in a Universal Plug and Play (UPnP) network includes a **resource** sharing service to govern the distribution of **resource** information regarding **resources** to rendering devices. ...

Related articles - All 5 versions

Method and system for performing **virtual** address range mapping in a **virtual storage** data processing system

CK Ellert, DH Gibson, KG Rubsam... - US Patent ..., 1992 - Google Patents

... uses the invention to view and manipulate two forms of non-main storage data spaces.

DESCRIPTION OF THE PREFERRED EMBODIMENT DASD (size, location on DASD) and **construct** 202 a ... A non-main **virtual** storage data space (NMDS) H 45 anchored in the services ...

Cited by 36 - Related articles - All 2 versions

[PDF] SWISS-PROT: connecting biomolecular knowledge via a protein database

[PDF] from horizonpress.com

E Gasteiger, E Jung... - Current issues in molecular ..., 2001 - horizonpress.com

... together all related databases and combine them into one large **virtual** database. ... WormPD: model organism volumes of the BioKnowledge library, an integrated **resource** for protein ... **Construction** of HSC-2DPAGE: a two-dimensional gel electrophoresis database of heart proteins ...

Cited by 82 - Related articles - View as HTML - SI Direct - All 7 versions

[BOOK] Introduction to Storage Area Network, SAN

[PDF] from uni-heidelberg.de

RK Khattar... - 1999 - urz.uni-heidelberg.de

... He was one of the original Software Engineers on the RAMAC **Virtual** Storage Array (RVA) subsystem. ... Data is the underlying **resource** on which all computing processes are based; it is a ... a schematic overview of a SAN **connecting** multiple servers to multiple storage systems. ...

Cited by 21 - Related articles - View as HTML - Library Search - All 17 versions

[BOOK] Constructing highly-available distributed metainformation systems

[PDF] from pucpr.br

A Calzavara... - 1996 - ppgia.pucpr.br

... from network **resources** , navigation through objects by traversing conceptual ob- ject relationships rather than **actual** links between network **resources** and request ... coherent and e ective platform for **constructing** object engines, as a starting point ... **resources**. Object engines: ...

Cited by 2 - Related articles - View as HTML - Library Search

A Comparison of Internet **Resource** Discovery A pproaches

[PDF] from usenix.net

A Emtage, BK Thinking... - Boulder, Colo.: University of ..., 1992 - usenix.org

... Library science has developed methods over hundreds of years to **construct** a model in which the user, with some experience, ... **Virtual** System Model, an approach to organizing large qystems that allows users to build their own "virtual systems" from the available **resources**. ...

Cited by 4 - Related articles - All 6 versions

Integrating Internet **Resource** Discovery Services with Open Hypermedia Systems

[PDF] from soton.ac.uk

R Hollom... - 1993 - eprints.ecs.soton.ac.uk

... The user can build for themselves a **virtual** file system in the typical hierarchical structure ... creating the application as opposed to finding the material with which to **construct** it. ... suggest that Internet **Resource** Discovery systems are a panacea to the difficulties of locating **resources**. ...

Cited by 3 - Related articles - All 8 versions

Delivering adaptive web content based on client computing **resources**

[PS] from uwo.ca

A Choi... - Engineering for Human-Computer Interaction, 2001 - Springer

... This represents the amount of total memory, both physical and **virtual** memory, being used on the client ... Once the location of the XSL stylesheet is determined, the **actual** XSL stylesheet is applied ... Delivering Adaptive Web Content Based on Client Computing **Resources** 345 ...

Cited by 5 - Related articles - DL Direct - All 8 versions

[PDF] Research problems for scalable internet **resource** discovery

[PDF] from psu.edu

CM Bowman, PB Danzig, MF Schwartz... - 1993 - Citeseer

... key behind the Dynamic WAIS gateways is the conceptual work of **constructing** the map ... to search, the WAIS retrieval phase is mapped into an **actual** domain search ... Without instrumentation, many services would waste network and secondary **store resources** on replicating rarely ...

Cited by 17 - Related articles - View as HTML - Library Search - All 12 versions

Information organization in multimedia **resources**

R Kazman... - ... of the 11th annual international conference ..., 1993 - portal.acm.org

... Consequently, &adi- tional databases provide no easy way of **construct-** ing say, a muhimedia

atlas ... The idea is that by **storing** descriptions along with each image the user can ask things like
"find me modern bungalows with two ... Information Organization in Multimedia **Resources** ...

Cited by 7 - Related articles - All 2 versions

Components for distributed virtual environments

M Oliveira, J Crowcroft... - Presence: Teleoperators & Virtual ..., 2001 - MIT Press

... the experience of existing VE systems, but also from lessons learned from the **construction** of
cyber ... takes full advantage of the rich functionality readily available in any Java **Virtual** Machine
(JVM ... the cost of development of new technologies (both in terms of **resources** and time ...

Cited by 12 - Related articles - SC Direct - All 6 versions

[PDF] from psu.edu

Representing the semantics of virtual spaces

C Chen, L Thomas, J Cole... - Multimedia, IEEE, 2002 - ieeexplore.ieee.org

... We can regard such an interpretation as a type of social **construction** of knowledge ... The persistent
nature of StarWalker lets people access such **resources** as an integral part of ... In this way,
StarWalker merges and integrates a media space with a collaborative **virtual** environment ...

Cited by 39 - Related articles - SC Direct - All 18 versions

[TXT] from indiana.edu

[BOOK] The virtual community: Homesteading on the electronic frontier

H Rheingold - 2000 - books.google.com

... The US senator who campaigned for years for the **construction** of a National Research and
Education ... way of passing information and communication around a network as a distributed
resource with no ... xxiv Introduction and you have a **virtual** community growing in your bedroom ...

Cited by 4175 - Related articles - Library Search - All 14 versions

Storing fragmented XML data into a relational database by decomposing XML documents with application specific mappings

HK Chau, IKC Cheng, JM Cheng... - US Patent App. 10/ ... , 2002 · Google Patents

... Atypical combination of **resources** may include client computers 102 that are personal computers
or ... cations devices into the memory of the computer for use during **actual** operations ... By storage,
the XML System provides mechanisms for **storing** and **retrieving** XML documents in ...

Cited by 111 - Related articles - All 4 versions

[HTML] from nkp.cz

[HTML] MetaLib and SFX: managing heterogeneous **resources** in the scholarly environment

T Sadík - 2001 - klement.nkp.cz

... of Electrical Engineers (www.iee.org); a subject gateway, such as the Edinburgh Engineering
Virtual Library (EEVL ... The information extracted from the record serves for the **construction** of an
OpenURL, which is then processed ... Figure 3: **Connecting** to Heterogeneous **Resources**. ...

Cited by 1 - Related articles - Cached

A concept for tactical wide-area network hub management

JP Schlaerth - ... , 1994. MILCOM'94. Conference Record, 1994 ... , 2002 - ieeexplore.ieee.org

... in close proximity with hub **resources** has potential access to device data sets through hardware
terminal ports, printer ports, and **virtual** terminal ports ... As the hub **resources** are activated, the EMT
disseminates notifications to the managers that inform as to **actual** progress with ...

Cited by 3 - Related articles - SC Direct

[PDF] [Mobile Resource Awareness](#)

[PDF] from kth.se

E Wiklander, T Kanter... · Master of Science Thesis, ..., 2001 · e.kth.se

... Non-physical objects **Virtual Space** ... The goal of my work is to study the possibilities to create a **resource** aware service and to work out a solution for such a service and to build a ... In addition to the **actual** creating of the system, a study of existing systems has been performed. ...

Cited by 3 · Related articles · View as HTML

[PDF] [Digital archaeology: Rescuing neglected and damaged data **resources**](#)

[PDF] from cvso.co.uk

S Ross... - British Library Research and Innovation Report, 1999 · cvso.co.uk

... The tape manufacturers then produce the **actual** storage media from the large rolls of coated material ... Digital Archaeology: Rescuing Neglected and Damaged Data **Resources** ... Most tapes will **store** the data sequentially, so retrieval, although lengthy, is a matter of reading a set of ...

Cited by 25 · Related articles · View as HTML · Library Search · All 17 versions

[BOOK] [Electronic resumes & online networking: how to use the Internet to do a better job search, including a complete, up-to-date **resource** guide](#)

R Smith - 2000 · books.google.com

... means electronic or mechanical, including photocopying, recording, or by any information storage and retrieval ... for the instructive resume tutorial on her award-winning eResumes & **Resources** site (eResumes ... B. Seeker is fictional, his resume is based on an **actual** person who ...

Cited by 2 · Related articles · Library Search · All 3 versions

[BOOK] [Semi-automated web **resource** discovery and analysis: An approach based on interactive machine learning principles](#)

[PDF] from psu.edu

A Pedersen - 2001 · Citeseer

... an idea of how Topic Maps, even without any occurrences **connecting** them to ... new **resources** the Topic Extractor automatically extracts entities and relations from the discovered **resources** ...

Topics are modelled as Facets, Identities, Associations or any other Topic Map **construct** ...

Cited by 2 · Related articles · View as HTML · All 5 versions

[PDF] [Database Access and Integration](#)

[PDF] from ojsada.org.uk

M Atkinson, P Kunzst, I Narang... - ... commissioned for the ..., 2003 · ojsada.org.uk

... Heterogeneity Transparency: The access mechanism should be independent of the **actual** implementation of ... Schema Change Transparency: Data **resources** should be allowed to rearrange their data, eg ... A strategy that delivers aspects of **virtual** databases is to combine specific ...

Cited by 1 · Related articles · View as HTML · All 3 versions

[InfoGrid: providing information integration for knowledge discovery](#)

[PDF] from psu.edu

N Giannadakis, A Rowe, M Ghanem... - Information Sciences, 2003 · Elsevier

... Specifying and **storing** those semantic links, namely providing metadata information as to how a ... Since all **resources** are XML based, they all provide a common query model, which ... of an XML Schema [43] view of the documents they return and a **construct** selection mechanism ...

Cited by 40 · Related articles · All 12 versions

[PDF] [Aura: an architectural framework for user mobility in ubiquitous computing environments](#)

[PDF] from psu.edu

JP Sousa, D Garlan - Proceedings of the 3rd Working IEEE/IFIP ... , 2002 - Citeseer

... the user from the heterogeneity of computing environments as well as from the variability of **resources**. ... 4 The choice of the **actual** mechanisms for file access is an implementation issue: one Envi ... The web pages of some of the hotels include short videos featuring **virtual** visits to ...

Cited by 436 - Related articles - View as HTML - All 26 versions

 PDF from psu.edu

[BOOK] What You See is what You **Store**: Database Driven Interfaces

J Thamm... - 1997 - Citeseer

... 1 which presently contains null values (shown as ?d?). When the **actual** GUI-interface ... model matches nicely the hierarchical structure of widgets and that **resources** map easily ... VAG (1996) VRML Architecture Group: The **Virtual** Reality Modeling Language Specification - Version ...

Cited by 9 - Related articles - View as HTML - Library Search - All 7 versions

Implementation of a dynamic scheduler for apparel computer integrated manufacturing systems

D GRAANIN, KP VALAVANIS, SAS Jr... - Journal of Intelligent ... , 1997 - Springer

... Once the schedule is tested, it can be applied to the **actual** ... These attributes are consulted when placing a machine in the **virtual** environment, to make sure that no constraints ... 15, from the library of known machines/ **resources** stored in the object-oriented database as shown in ...

Related articles

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Challenges for machine learning in cooperative information systems

M Singh... - ... Intelligence Meets Machine Learning Learning in ..., 1997 - Springer

... such as database access, information malls, workflow management, elec- tronic commerce, and **virtual** enterprises. ... To **construct** mediators effectively requires some common represen- ... Figure 4 schematically shows a typical situation in which **resources** are represented as boxes ...

Cited by 7 - Related articles - EI Direct - All 14 versions

Implementation of a dynamic scheduler for apparel computer integrated manufacturing systems

D Gracanin, KP Valavanis, II TW... - Journal of Intelligent ... , 1997 - ingentaconnect.com

... Once the schedule is tested, it can be applied to the **actual** ... These attributes are consulted when placing a machine in the **virtual** environment, to make sure that no constraints ... 15, from the library of known machines/ **resources** stored in the object-oriented database as shown in ...

Related articles - EI Direct - All 2 versions

Virtual network mechanism to access well known port application programs running on a single host system

KC Yu - US Patent 5,636,371, 1997 - Google Patents

... 58d ^ TOKEN RING FDDI 58c ^ r i HOST SYSTEf PHYSICAL **RESOURCES** ^1 >/0 ... OUTPUTO, IOCTLQ & RESET() CALL IF_ATTACH () TO ADD THE **VIRTUAL** HOST IFNET ... 15 IOCTL 720 IOCTL COMMAND DECODE SIOCSIFADDR SIOCSIFFLAGS 721 **STORE** THE LOCAL ...

Cited by 158 - Related articles - All 2 versions

Human resource networking system and method thereof

KR Neal Jr - US Patent App. 20,040/153,472, 2003 - freepatentsonline.com

... 1. A Human **Resource** Networking System, comprising: a Relational Database **storing** People Elements ... system, as recited in claim 1, wherein said Relational Database comprises a Relational Information and an Industry Credit Inductive Lineage **Construct** Matrix for ...

Cached - All 2 versions

[\[PDF\]](#) VisualExpresso: Generating a **virtual** reality internet

[\[PDF\]](#) from psu.edu

D Cleary... - High-Performance Computing and Networking, 1999 - Springer

... VMRL provides a hierarchical language that allows **construction** of graphical objects in a manner that satisfies these criteria. ... 3. Kalawsky Roy S. The Science of **Virtual** Reality and **virtual** Enviroments. ... Request for Comments: 1738, Uniform **Resource** Locators (URL). ...

Cited by 4 - Related articles - [SI Direct](#) - All 3 versions

[\[PDF\]](#) Active SANs: Hardware Support for Integrating Computation and Communication

[\[PDF\]](#) from psu.edu

C Ulmer, C Wood... - ... of the Workshop on Novel Uses of ..., 2002 - Citeseer

... The operating environment significantly influences the **construction** of key operations such as dynamic reconfiguration. ... This approach follows the concepts of demand paging in **virtual** memory, where a ... network allows other devices in the cluster to make use of these **resources**. ...

Cited by 6 - Related articles - View as HTML - All 7 versions

[\[PDF\]](#) Capabilities of the NASA/IPAC Extragalactic Database (NED) in the Era of a Global **Virtual** Observatory

[\[PDF\]](#) from arxiv.org

JM Mazzarella, BF Madore, G Helou... - ArXiv preprint astro-ph/ ..., 2001 - arxiv.org

... '**virtual** observatory' is new, but the concept is essentially the same as that outlined ... As a third example, the NED image archive presents an unprecedented **resource** for developing ... In addition, **construction** of intelligent Web 'agent' programs that can transverse the External Links ...

Cited by 2 - Related articles - Library Search - All 9 versions

[\[PDF\]](#) Internet-based, out-of-core flow visualization

[\[PDF\]](#) from psu.edu

J Tourtellott... - SPIE proceedings series, 2001 - Citeseer

... (In practice, the lookahead parameter could be set to match the expected and/or **actual** network latency ... out-of-core throughput As with any **virtual** memory system, the proof-of-concept software consumes platform **resources**/overhead in providing and managing **virtual** data for ...

Related articles - View as HTML - All 7 versions

[\[PDF\]](#) Virtual local area network well-known port routing mechanism for mult--emulators in an open system environment

KC Yu - US Patent 5,734,865, 1998 - Google Patents

... SERVICES) ETHERNET LAN TOKEN RING FDDI 58cx HOST SYSTEM PHYSICAL **RESOURCES** ...

STRUCTURE 705 CALL IF_ATTACH () TO ADD THE **VIRTUAL** HOST IFNET ... 720 SIOCSIFADDR

721 IOCTL COMMAND DECODE SIOCSIFFLAGS 722 **STORE** THE LOCAL ...

Cited by 117 - Related articles - All 2 versions

[\[BOOK\]](#) Internet resources for engineers

J He - 1998 - books.google.com

... Metscape **Store** • Internet Guide Communicator, Books Instant Messenger Wednesday • Net Search • **Virtual** Office Specialized ... In order to carry out a thorough search for a particular topic within the vast Internet **resources**, you need to use several different types of search ...

Cited by 3 - Related articles - Library Search - All 3 versions

[\[TXT\]](#) The World Wide Web and emerging Internet **resource** discovery standards for scholarly literature

[\[TXT\]](#) from illinois.edu

S WEIBEL - ILLINOIS, 1995 - ideals.illinois.edu

... One disadvantage of these is that either the page has to be stored as an **actual** image, which loses much of the ... The implications of declining library **resources** and improving electronic technology for document access and supply: A review article. ... The **virtual** library: Almost there ...

Cited by 17 - Related articles - Cached - BL Direct - All 7 versions

A Model for Collaborative Search and Retrieval of Domain Specific Information on The Internet

M Sun... - Advances in Concurrent Engineering: Ce2000, 2000 - books.google.com

... examples of this type of information gateways include the WWW **Virtual** Library 13 ... data, technical publication, news, project data, etc) • users' annotations • universal **resource** locator (URL ... on known WWW servers which are more likely relevant to the **construction** users interests. ...

Related articles - All 2 versions

Browsing electronically-accessible resources

AJ Lennon - US Patent App. 09/493,220, 2000 - Google Patents

... 0208473 AI 1900 Video Display 1930 1916 Communication channel r 1902 || 19K D ^1912 |

Video Interface Storage Device I ... 6, 2003 BROWSING ELECTRONICALLY-ACCESSIBLE

RESOURCES COPYRIGHT NOTICE [0001] This patent document contains material subject to

Cited by 7 - Related articles - All 4 versions

[PDF] from unib.es

Internet-based collaborative product design with assembly features and **virtual** design spaces

N Shyamsundar... - Computer-Aided Design, 2001 - Elsevier

... has validated the Internet as the medium for collaborative engineering providing designers access to computing **resources**. ... VDES i of C i or VDES i of SA i . The **virtual** design space ... component or sub-assembly is available, then there are several methods for **constructing** a tight ...

Cited by 125 - Related articles - BL Direct - All 8 versions

[PDF] from psu.edu

[PDF] Open digital libraries

H Suleman - 2002 - Citeseer

... In particular, DLs can be built by **connecting** small components that communicate through a family of lightweight protocols, using XML as the data interchange mechanism. ... 147 7.5.6 Storage..... ...

Cited by 60 - Related articles - View as HTML - Library Search - All 14 versions

An industry foundation classes Web-based collaborative **construction** computer environment: WISPER

I Faraj, M Alshawi, G Aquad, T Child... - ... in Construction, 2000 - Elsevier

... Each menu item references a Uniform **Resource** Locator (URL) that submits an HTTP request to the ... are able to interact with the VRML model and to **retrieve** other **construction** data which is ... the design needs to be uploaded to the ObjectStore database and the **virtual** reality (VR ...

Cited by 49 - Related articles - Library Search - All 4 versions

[PDF] from justspain.com

[BOOK] Protected Internet, Intranet, & **Virtual** Private Networks

A Moldovyan, N Moldovyan, D Summerville... - 2003 - justspain.com

... The third chapter discusses **Virtual** Private Networks (VPNs). ... of the application programs and the irregularity and heterogeneity of the computing system significantly complicates the **construction** and administration of a ... Part of the protected information **resources** located on the ...

[Related articles](#) · [Library Search](#) · All 2 versions

[BOOK] The active interview

JA Holstein... - 1995 - books.google.com

... electronic or mechanical, including photo- copying, recording, or by any information storage and retrieval ... Two kinds of communicative contingency influence the **construction** of the active subject behind the ... 15 and framing **resources** for developing both the subject and his or her ...

Cited by 1123 · [Related articles](#) · [Library Search](#) · [SL Direct](#) · All 3 versions

Knowledge management and the internet

R Dieng - Intelligent Systems and their Applications, IEEE, 2002 - ieeexplore.ieee.org

... That organization can be an **actual** enterprise, a public organization, or just a department or ... It can also be a group, community, or **virtual** enterprise comprising members from different ... capabilities and relies on semantic metadata or annotations on the **resources** constituting the ...

Cited by 71 · [Related articles](#) · [SL Direct](#) · All 5 versions

[PDF] A Virtual CONSTRUCTION ENVIRONMENT (VCE) FOR MACRO PLANNING

[\[PDF\]](#) from psu.edu

AF Waly - 2001 - Citeseer

... **Resources** Means and Methods ... Adjei-Kumi and Retik (1997) use **virtual** reality technology for the realistic visualization of simulation of **construction** projects at the ... major **construction** processes and test various execution strategies prior to the **actual** start of **construction**. ...

[Related articles](#) · [View as HTML](#) · [Library Search](#) · All 2 versions

Adlet: an active document abstraction for multimedia information fusion

[\[PDF\]](#) from kst.edu

SK Chang... - Knowledge and Data Engineering, IEEE ..., 2002 - ieeexplore.ieee.org

... Capabilities must be provided to allow the adlets to organize and search the **resource** space by **constructing** links ... 7 VIRTUAL GRAPH CONSTRUCTION AND UPDATE ... on the distance information and the underlying advertising strategy, the adlet selects a set of **virtual** sites to be ...

Cited by 21 · [Related articles](#) · [SL Direct](#) · All 8 versions

Generating and storing a link correlation table in hypertext documents at the time of storage

Y Tabata, T Yano... - US Patent 6,537,324, 2003 - Google Patents

... A file unit **storing** therein correlated information files. ... TWO-DIMENSIONAL BAR CODE 1 DEVELOP HTML SOURCE CODE 1 **EXTRACT** DIFFERENCE BETWEEN ... ADDRESS (URL) OF CORRELATED INFORMATION FILE 1 S1208 **RETRIEVE** CORRELATED INFORMATION ...

Cited by 38 · [Related articles](#) · All 2 versions

[PDF] Improving Knowledge Management via Effective Document Management System Design

[\[PDF\]](#) from psu.edu

M Ginsburg - International Symposium on Information Systems and ..., 2001 - Citeseer

... Documents also contain a significant amount of **actual** (explicit) and inferable (implicit ... structured queries, alternate user interface metaphors (such as a "virtual landscape of ... "Constructing, Organizing, and Visualizing Collections of Topically Related Web **Resources**", ACM Trans. ...

Cited by 3 · [Related articles](#) · [View as HTML](#) · All 5 versions

[CITATION] Application of product data management technologies for enterprise integration

[\[PDF\]](#) from psu.edu

JX Gao, H Aziz, PG Maropoulos... - International Journal of..., 2003 - Taylor & Francis

Cited by 44 - Related articles - S1 Direct - All 15 versions

Contexts, work processes, and workspaces

[PDF] from psu.edu

A Agostini, G Michellis, MA Grasso, W Prinz... - Computer Supported..., 1996 - Springer

... The name of an object is often not expressive or user friendly enough for its use in a user interface. Therefore a **construction** rule for a user friendly name can be supplied for an object type. ... In this case the **actual** user identity is used to answer a request. ... procedure **resource** ...

Cited by 59 - Related articles - S1 Direct - All 12 versions

Accelerated large data distribution in overlay networks

R Izmailov, S Ganguly, N Tu... - US Patent App. 10/749,947, 2003 - Google Patents

... **Virtual** links (172-194), **connecting** the overlay nodes or servers correspond to the point-to ... either static, where network **resources** are reserved, or dynamic, where network **resources** are not ... Still further, the **construction** of trees may be based on monitoring the underlying network ...

All 2 versions

Internet-accessible information retrieval tools for advanced DB/IR courses

[PDF] from csitl.edu.co

SJ Cunningham - ACM SIGCSE Bulletin, 1996 - portal.acm.org

... percentages and distributions - but illustrate the flexibility and effectiveness of **constructing** queries based on ... ConSearch <http://www.imsworld.com/limitil> (**Virtual** Yellow Pages WWW directot-v) ...

Information filtering **resources** list: <http://www.glue.umd.edu/enee/medlab/filter/filter> ...

Cited by 2 - Related articles - S1 Direct - All 4 versions

Integrating public and private network **resources** for optimized broadband wireless access and method

WA Hagen - US Patent App. 09/832,679, 2001 - Google Patents

... The integration operator services include databases and servers for **storing** and providing subscriber and network provider information for ... of 17 US 2002/0075844 A1 TOP LAYER OF HIERARCHY: IDENTITIES 3010 , 3100 , 3200 , 3300 Subscriber Table **Resource** Provider ope ...

All 2 versions

Project Graphs and meta-programs towards a theory of Software development

D Bjørner - System Development and Ada, 1987 - Springer

... emulated, then the 'run-time system design' also includes the design of such a **virtual** machine interpreter ... realistic **resource** estimates: time and number of people needed. ... Reviewing the project graph and based on **actual** experience we remark the following: the developers who ...

Cited by 8 - Related articles - All 3 versions

Information retrieval programs on the Internet: tools for teaching IR

[PDF] from waikato.ac.nz

SJ Cunningham - 1995 - researchcommons.waikato.ac.nz

... ConSearch commercial product provides an interesting variation: it searches The **Virtual** Yellow Pages ... NAISmap to view and manipulate National Atlas spatial data to **construct** a personalized ... collections, many of which are of direct interest as reference **resources** (eg, technical ...

Related articles - Library Search - All 5 versions

Knowledge modeling--State of the art

V Devedzic - Integrated Computer-Aided Engineering, 2001 - IOS Press

... In building knowledge-based systems, developers usually **construct** new knowledge bases from scratch. ... the definition and use of metadata – descriptions of Web-based **resources** – but is ... extends the C++ language to cope with permanent object storage, production rules (data ...

Cited by 37 - Related articles - BL Direct - All 12 versions

 from iisc.ernet.in

[PS] DISCOVER the Web-database

N Gupta - 1997 - dsl.serc.iisc.ernet.in

... system. 5. object name : This is the **actual** name of the web **resource** required. ... the unstructured web or a schema-less web **resources**. A **virtual** schema is a scheme suggested for either web or web **resource** to **construct** database for them. (For example recognizing few ...

Cited by 2 - Related articles - View as HTML - All 2 versions

[CITATION] Discover your Scottish ancestry: Internet and traditional resources

GS Holton... - 2003 - Edinburgh University Press

Related articles - Library Search - All 4 versions

 from ucl.ac.uk

Analysis of nonlinear dynamics on arbitrary geometries with the Virtual Cell

JC Schaff, BM Slepchenko, YS Choi... - ... Journal of Nonlinear ..., 2001 - link.aip.org

... from the fluorescent intensity, it can still differ significantly from the **actual** situation without ... Thus, our efforts to develop the **Virtual Cell** will continue to offer exciting research ... from National Institutes of Health through grants from National Center for Research **Resources** (Grant Nos ...

Cited by 38 - Related articles - BL Direct - All 6 versions

 from nasa.gov

yourSky: rapid desktop access to custom astronomical image mosaics

JC Jacob, R Brunner, DW Currndl... - 2002 - ts-new.jpl.nasa.gov

... virtually anywhere because the architecture also supports very lightweight computing **resources**, ordinary desktop ... for the loosely coupled, distributed architecture of the National **Virtual** Observatory (NVO ... The yoursky software includes subsystems for: (i) **construction** of the image ...

Cited by 4 - Related articles - All 7 versions

 from psu.edu

Constraints as mobile specifications in e-commerce applications

KY Hui, PMD Gray, GJL Kemp... - Semantic Issues in E- ..., 2003 - books.google.com

... combination of p and o. Now if we go back to the problem of **constructing** a CSP ... We use constraints to capture domain knowledge, which is distributed among different **resources**. ... KRAFT employs an agent architecture which makes it very suitable to support **virtual** organisations ...

Cited by 10 - Related articles - All 11 versions

Virtual point of sale processing using gateway-initiated messages

GA Kramer... - US Patent 6,163,772, 2000 - Google Patents

... In one embodiment, a method for **virtual** point of sale processing using gateway-initiated messages, includes establishing a first communication ... R 1820 r~ WWW SERVER III I iii STANDARD TERMINAL ADMIN '1 STANDARD TERMINAL ' ADMIN n **STORE** FRONT SHOPPING ...

Cited by 69 - Related articles - All 3 versions

[PDF] Gridella: an open and efficient Gnutella-compatible Peer-to-Peer System based on the P-Grid approach

[PDF] from psu.edu

R Schmidt - 12.077-16.175-14.091-6.932-6.242-7.688-5.454-4.347 ... , 2002 - Citeseer

... They do not share files and **resources** but only produce search requests. ... of Gridella's essential algorithmic foundations: P-Grid (Section 3.1), the process of **constructing** the P ... system is a decentralized file-sharing system whose participants form a **virtual** network communicating ...

Cited by 4 - Related articles - View as HTML - All 10 versions

Adapting to network and client variation using infrastructural proxies: Lessons and perspectives

[PDF] from berkeley.edu

A Fox, SD Gribble, Y Chawathe... - Personal ... , 2002 - ieeexplore.ieee.org

... consists of caches (currently Harvest [13]) and service-specific modules that implement the **actual** service (data ... The TACC API allows all cache workers to be managed as a single **virtual** cache by ... we ran out of hardware), or until adding more of the saturated **resource** no longer ...

Cited by 424 - Related articles - 31. Direct - All 15 versions

[BOOK] Multimedia and **virtual** reality: designing multisensory user interfaces

[HTML] from lavosier.fr

A Sutcliffe - 2003 - books.google.com

... 12 Tangible User Interfaces 12 Definitions and Terminology 14 Physical Media Formats and Storage 16 Logical ... vii Exploration and Navigation 87 Context Switching 88 Design Features 90 Integrating **Resources** and Action ... Suggesting how to design natural **virtual** worlds and ...

Cited by 45 - Related articles - Library Search - All 6 versions

Content proxy method and apparatus for digital television environment

EM Schwaib - US Patent App. 09/795,720, 2001 - Google Patents

... Electronic Program Guides, broadcast browsers, etc; [0017] 2. It encapsulates **resource** allocation and ... To access and **retrieve** the information, an application program interface provides a single ... from and based upon the parsed content information and to **store** such information ...

Cited by 2 - Related articles - All 4 versions

Integration of data between typed objects by mutual, direct invocation between object managers corresponding to object types

D Khoyi, MS Soucie, CE Suprenant... - US Patent ... , 1993 - Google Patents

... 07/088,176 to Marc San Sou- eie, et al., titled CUSTOMIZATION BY AUTO- MATED **RESOURCE** SUBSTITUTION, filed the same day as the present ... While certain systems of the prior art have attempted to solve these problems, for example, by **constructing** 55 object, the object ...

Cited by 106 - Related articles - All 2 versions

Providing security and interoperation of heterogeneous systems

[PDF] from buffalo.edu

S Dawson, S Qian... - Distributed and Parallel Databases, 2000 - Springer

... to our sample integration effort, Clinic and Hospital are MLS relational databases containing (**actual**) data from ... Based on the **resource** descriptions, queries q2a and q2b are the only foldings that may ... are used in the query processing to produce the view of the **virtual** relation for ...

Cited by 75 - Related articles - 31. Direct - All 9 versions

[PDF] Parallel simulation of radio **resource** management in wireless cellular networks

[PDF] from diva-portal.org

M Ljungnord - 2000 - kth.diva-portal.org

... can, at least, reduce the penalty from memory limitations compared to relying on **virtual** memory

paging to ... Parallel Simulation of Radio **Resource** Management in Wireless Cellular Networks

8 ... or system in such a way that the model mimics the response of the **actual** system to ...

Cited by 3 - Related articles - View as HTML - All 4 versions

Multitasking system having an application integration mechanism for linking differently typed data objects

D Khoyi, M San Soufia, GE Surprenant... - US Patent ..., 1995 - Google Patents

... referenced US patent application to solve these problems, for example, by **constructing** a **connection** between ... very difficult to communicate data between users and DATA PROCESSING SYSTEM **STORING** DATA

45 ... 1 An Object Type: Folder 1.2 Links 20 1.3 Profiles 1.4 **Resources** 1.5 Operating ...

Cited by 124 - Related articles - All 2 versions

[PDF] from psu.edu

Peer-mediated distributed knowledge management

M Bonifacio, P Bouquet, G Mameli... - Agent-Mediated Knowledge ..., 2003 - Springer

... space [19], partitioned representation [15]); studies on the social **construction** of knowledge ... within formal and informal groups and communities (eg, through "virtual" communities" and ... receive responses (list of advertisements) that describe the available services and **resources**. ...

Cited by 59 - Related articles - All Direct - All 20 versions

[PDF] from dtic.mil

Navy Distributed Virtual Library Requirements Analysis.

DR Duncan... - 1995 - oai.dtic.mil

... continue the development of navigational tools, including a **virtual**, distributed Federal STI locator."

Classified ... percent) prefer to use their office computers to reach the information **resources** they need, either by **connecting** directly to STI databases or by **connecting** to the ...

All 3 versions

Virtual path-based static routing

JL Timbs - US Patent 5,809,025, 1998 - Google Patents

... 1912 **STORE** ROUTING INFORMATION IN NODES FIG.21 ... the shared transmission path), and the **resource** allocation for setting-up and clearing the system **resources** at the ... this type of system, a switching model generates a route setup cell that includes a **virtual** circuit identifier ...

Cited by 28 - Related articles - All 5 versions

Adaptive enterprise optimization (AEO) framework and methods

A Brodsky, J King... - US Patent App. 10/372,407, 2003 - Google Patents

... 2, 2003 from simple components, which are instances of BEMs (representing **actual** business entities ... eg, when a producer is producing a physical **resource**) or a "virtual" **resource** (eg, when ...

[0084] There is only one **Resource** Instance class, so that all **resources** are represented ...

All 4 versions

[PDF] from psu.edu

Design principles for the information architecture of a SMET education digital library

A Dong... - Proceedings of the 1st ACM/IEEE-CS joint ..., 2001 - portal.acm.org

... information, are among the numerous information processing tasks [13] associated with **constructing** mental models ... to **store** profiling information to help locate and collaborate with "virtual" colleagues ... is able to create a personal conceptual model of learning **resources** and share ...

Cited by 24 - Related articles - All 41 versions

The STARLIGHT information visualization system

JS Risch, DB Rex, ST Dowson... - Information ... , 2002 - ieexexplore.ieee.org

... in two parallel, but interconnected, data structures: one for **storing** and **retrieving** the **actual** content of ... If an Ancillary Information **Resource** (AIR, eg, a map) displayed in the 3-D Workspace has also ...

[7] Risch, JS, May, RA, Dowson, ST, Thomas, JJ, 1996, "A **Virtual** Environment for ...

Cited by 56 - Related articles - All 6 versions

Proceedings of the Workshop: Development of Biological Decision Support Systems for Resource Managers

[PDF] from dtic.mil

, ... FORT COLLINS CO BIOLOGICAL RESOURCES DIV - 1999 - oai.dtic.mil

... Page 2. Technical Report Series The Biological **Resources** Division publishes scientific and technical articles and reports resulting from the research performed by our scientists and partners.

These articles appear in professional journals around the world. ...

Related articles - All 3 versions

[PDF] Grid enabling technologies

[PDF] from psu.edu

SC Farantos, S Stamatiadis, N Nellari... - 2002 - Citeseer

... Thus, we **construct** small local computational Grids, which allow us to run a few applications. ... The objective can be summarized as building a single **virtual** machine for handling distributed, heterogeneous computing **resources**. ...

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virtual resources actual resources c

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